Index of Claims

| Application/Control No | Ap | plica | tion/ | Cont | rol | No. |
|------------------------|----|-------|-------|------|-----|-----|
|------------------------|----|-------|-------|------|-----|-----|

0.774

Applicant(s)/Patent under Reexamination

10/719,771

ELLISON, RICHARD D.

Examiner

Art Unit

**Daniel Swerdlow** 

2646

✓ Rejected= Allowed

\_\_ (Through numeral)
Cancelled

Non-Elected

A Appeal

Restricted

I Interference

O Objected

|       |               |          |          |         |           |   | <b></b>        |              |   |          |   |              | _        |          |          |              | ····                    |                 |          |         |       |       |            |          |                 |          |          |          |          |          |          |   |
|-------|---------------|----------|----------|---------|-----------|---|----------------|--------------|---|----------|---|--------------|----------|----------|----------|--------------|-------------------------|-----------------|----------|---------|-------|-------|------------|----------|-----------------|----------|----------|----------|----------|----------|----------|---|
| Clai  | m ]           |          |          |         | D         | ate   |                |              |   |          |   | Cla          | aim      | Щ        |          |              | Dat                     | e               |          |         |       | С     | aim        | L        |                 |          |          | Date     | _        |          |          | _ |
| Final | ~ 1           | 2000     |          |         |           |   |                |              |   |          |   | Final        | Original |          |          |              |                         |                 |          |         |       | Final | Original   |          |                 |          |          |          |          |          | į        |   |
| K     | 3             | 3        | 十        | 十       | T         | $\top$  | T              | T            |   | Г        |   |              | 51       |          |          | $\neg$       | 1                       |                 |          |         |       |       | 101        | <b>—</b> |                 |          |          |          |          |          |          | _ |
|       |               | フ        |          |         | T         | $\neg$  |                |              |   |          |   |              | 52       | П        | $\Box$   | $\top$       | 1                       |                 |          |         |       |       | 102        |          |                 |          |          |          |          | $\neg$   | $\neg$   | Τ |
|       |               | U        |          |         |           |   |                |              |   |          |   |              | 53       |          |          |              |                         |                 |          |         |       |       | 103        |          |                 |          |          |          |          |          |          |   |
|       |               | 4        |          | $\perp$ | $\perp$   |   |                |              |   |          | ] |              | 54       |          |          | $\perp$      |                         |                 |          |         |       |       | 104        |          |                 |          |          |          |          |          |          | _ |
|       |               | ┙        |          |         | $\perp$   | $\perp$   |                |              |   |          |   |              | 55       |          |          |              | Ĺ                       |                 | $\perp$  |         |       |       | 105        | L        |                 |          |          |          |          |          |          |   |
|       | <u>6</u>      | ⊿        |          | ᆚ       |           | _   |                |              |   | _        |   |              | 56       |          |          |              | _                       |                 | _        | _       |       |       | 106        | L        |                 |          |          |          |          |          |          | _ |
|       | 72            | 4        | _ _      | 4       | 4         | 4   | _              | _            |   | _        |   |              | 57       |          |          | _            | _                       | Ш               |          | $\bot$  |       |       | 107        | _        |                 |          |          |          |          |          | _        | _ |
| ļ ļ   | 8             | 7        | _        | _       | _ _       | 4   |                | _            |   | _        |   |              | 58       | Ш        |          | -            | $\bot$                  | $\sqcup$        | $\perp$  | $\bot$  |       |       | 108        | _        |                 | _        |          |          |          | _        | _        | _ |
|       |               | 싀        | +        | +       | +         | -   | -              | 4            |   | <u> </u> |   |              | 59       | H        |          | -            | -                       | $\vdash$        |          | +-      |       |       | 109        | -        | Ш               | -        |          |          |          |          |          | _ |
|       | 10            | <u>/</u> | 4        | +       | +         | -   | +              | }            |   |          |   |              | 60       | -        | $\dashv$ | _            | +-                      | $\vdash$        |          | -       |       |       | 110        | ⊢        | Н               | -        |          |          |          |          |          | _ |
|       | 11            |          | -        | +       | +         |   | +              | $\dashv$     |   |          |   | <u> </u>     | 61       | $\vdash$ | $\dashv$ |              | +                       | $\vdash$        | -        | -       | 1     |       | 111        | ⊢        | Н               | -        |          |          |          |          | $\dashv$ |   |
|       | 12<br>13      | 7        | +        | +       | +         | +   | +              | -            |   | -        | ł | <del> </del> | 62<br>63 | $\vdash$ | $\dashv$ | +            | +                       | $\vdash$        | +        |         | 1     |       | 112<br>113 | $\vdash$ | Н               | -1       |          |          |          | $\dashv$ | $\dashv$ | _ |
|       |               | 7        | +        | +       | +         | +   | +              | $\dashv$     | _ | $\vdash$ |   | <u> </u>     | 64       | $\vdash$ | -        | -            | +                       | $\vdash$        | +        | +       | ł     |       | 114        | ┼        | Н               | $\dashv$ | $\vdash$ | $\vdash$ |          | $\dashv$ | $\dashv$ | _ |
|       | 15            | 7        | $\dashv$ | +       | +         | -+-   | +              | $\dashv$     |   | -        | l | $\vdash$     | 65       | $\vdash$ | $\dashv$ | +            | +                       | $\vdash$        | +        | +       | łiiii |       | 115        | $\vdash$ | Н               | $\vdash$ |          |          |          | $\dashv$ | $\dashv$ | _ |
|       | 16            |          | -        | +       | +         | +   | $\dashv$       | $\dashv$     |   | _        |   | <u> </u>     | 66       | Н        | -        | +            | +                       | $\vdash$        | $\dashv$ | +       | 1     |       | 116        | ╁        | Н               | $\dashv$ | _        |          | $\vdash$ | -        | $\dashv$ | _ |
|       | $\overline{}$ | 7        | -        | +       | +         | +   | +              | ᅥ            | _ |          |   |              | 67       | $\vdash$ | $\dashv$ | 十            | +                       | $\vdash$        | +        | ╅┈      | liiii |       | 117        | $\vdash$ | Н               |          |          |          |          | 1        | $\dashv$ | _ |
|       |               | 7        | _        | +       | +         | $\top$  | +              | ┪            |   |          |   | <u> </u>     | 68       | $\vdash$ |          | _            | +-                      |                 |          | +-      | liiii |       | 118        | $\vdash$ | Н               |          |          |          |          | +        | $\dashv$ | _ |
|       | 19            | 1        |          |         | $\top$    | $\top$  | $\top$         | $\dashv$     |   | $\vdash$ |   |              | 69       | Н        | $\neg$   | 十            | +                       | $\vdash$        | $\neg$   | †       |       |       | 119        | $\vdash$ | Н               |          |          |          |          | $\dashv$ |          | _ |
|       | 20            | U        |          | +       | $\top$    | 1   | 十              | 寸            |   | $\vdash$ | 1 |              | 70       | H        | $\dashv$ |              | +                       | H               | - 1      | i       | 1     |       | 120        | H        | П               |          |          |          |          |          |          | _ |
| 6     | 2             | フ        | 7        | $\top$  | +         | 十   | $\dashv$       | $\neg$       |   |          |   |              | 71       |          | $\dashv$ | T            | T                       | П               | $\top$   | 十       | 1     |       | 121        |          |                 |          | _        |          |          | 一        |          | _ |
|       | 22            | フ        |          |         | +         | ╗   | $\top$         |              |   |          |   |              | 72       | П        | $\Box$   | 1            | 1                       | П               | $\neg$   |         |       |       | 122        |          |                 |          |          |          |          |          |          | _ |
|       | 23            | ノ        |          |         |           | Т   | T              |              |   |          |   |              | 73       | П        |          |              |                         |                 |          |         |       |       | 123        |          |                 |          |          |          |          |          |          | _ |
|       | 24            | 1        |          |         |           | $\top$  | $\Box$         |              |   |          |   |              | 74       |          |          |              |                         |                 |          |         |       |       | 124        |          |                 |          |          |          |          |          |          |   |
|       | 25            | /        |          |         |           | $\perp$   | $\perp$        | $\Box$       |   |          |   |              | 75       |          |          |              |                         |                 |          |         |       |       | 125        |          |                 |          |          |          |          |          |          |   |
|       | 26<br>27      | 1        |          |         | $\perp$   | $\perp$   | $\perp$        | $\Box$       |   |          |   |              | 76       | Ш        |          |              |                         | Ш               |          | $\perp$ |       |       | 126        |          | Ш               |          |          |          |          |          |          |   |
|       |               | V,       |          | _       | $\perp$   | $\perp$   | $\perp$        | _            |   |          |   |              | 77       | Ш        |          |              | $\perp$                 | Ш               | _        |         |       |       | 127        |          | Ш               |          |          |          | _        |          | _        | _ |
|       |               | /        | _        |         | 4         | _   | _              | _            |   | _        |   |              | 78       | Ш        | _        | 4            | _                       |                 | $\perp$  |         |       |       | 128        |          |                 |          | _        | _        |          | _        | _        |   |
|       | 29            | <u> </u> | _        | $\perp$ | 4         | _   | _              | _            |   |          |   |              | 79       | Ш        | _        |              | _                       |                 |          | ┷       |       |       | 129        | _        | Щ               | _        | _        | _        | _        | _        | 4        | _ |
|       | 30            | 4        | -        | +       | +         | 4   | _              | 4            |   | _        |   |              | 80       |          |          | -            | +                       |                 | _        | -       |       |       | 130        | _        |                 | _        |          |          | $\dashv$ | 4        | $\dashv$ | _ |
|       | 31            | /        |          | +       |           | -   | _              |              | _ |          |   |              | 81       |          | _        |              | +                       | $\vdash$        | _        | -       |       |       | 131        | <u> </u> | $\vdash$        | _        | _        | _        | -        | 4        | -        | _ |
|       | 32            | 7        | $\dashv$ | +       | +         | +   | +              | $\dashv$     |   | _        |   |              | 82       | $\vdash$ |          | +            | +-                      | $\vdash$        | -        | -       |       |       | 132        | ⊢        | $\vdash$        | $\dashv$ | -        |          |          | -        | -        | _ |
|       | -             | 7        | +        | +       | +         | +   | +              | $\dashv$     |   |          |   |              | 83       | Н        | +        | +            | +                       | ╁               |          | -       |       |       | 133        |          | $\vdash$        |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|       | 34<br>35      | 7        | +        | +       | +         | +   | +              | +            |   | -        |   |              | 84<br>85 | Н        | $\dashv$ | +            | +                       | $\vdash \vdash$ | +        |         |       |       | 134<br>135 | -        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | _ |
|       |               | 7        | +        | +       | +         | +   | +              | $\dashv$     |   | -        |   |              | 86       | $\vdash$ | $\dashv$ | +            | +                       | $\vdash$        | +        |         |       | -     | 136        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|       |               | 7        | +        | +       | +         | +   | +              | $\dashv$     |   |          |   |              | 87       | $\vdash$ | $\dashv$ | +            | +                       | $\vdash$        | +        | +       |       |       | 137        | -        | $\vdash$        | $\dashv$ | -        | -        | $\dashv$ | +        | -        | _ |
|       | 38            | -        | •        | +       | +         | +   | +              | $\dashv$     |   |          |   |              | 88       | $\vdash$ | $\dashv$ | +            | +                       | $\vdash \vdash$ | +        | +       |       |       | 138        | -        | $\vdash \vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|       | 39            | $\dashv$ | $\top$   | $\top$  | +         | $\top$  | $\dashv$       | +            | - |          |   |              | 89       | H        | $\dashv$ | 十            | +                       |                 | +        | $\top$  |       |       | 139        | $\vdash$ | $\vdash$        | $\dashv$ |          |          | $\dashv$ | 十        | $\dashv$ | - |
|       | 40            | $\dashv$ | $\top$   | $\top$  | $\dagger$ | $\top$  | $\top$         | 7            |   |          |   |              | 90       | $\vdash$ | _        | $\top$       | T                       | $\sqcap$        | $\dashv$ | $\top$  |       |       | 140        |          | $\vdash$        | $\neg$   | $\dashv$ |          | $\dashv$ | 十        | 一        | _ |
|       | 41            | 寸        | $\top$   | $\top$  | T         | $\top$  |                | 1            | _ |          |   |              | 91       | $\Box$   | $\neg$   | $\top$       | 1                       | П               | $\dashv$ | 1       | ::::: |       | 141        |          | $\Box$          | $\dashv$ |          |          |          |          | $\dashv$ | _ |
|       | 42            | _        | _        | $\top$  | 1         | 十   | 十              | 1            |   |          |   |              | 92       | П        | T        | _            |                         | $\Box$          |          |         |       |       | 142        | П        | П               | 一        |          |          |          | +        | 1        | _ |
|       | 43            |          | 丁        | J       |           | T   |                | ╗            |   |          |   |              | 93       |          |          |              | Τ                       |                 |          |         |       |       | 143        |          |                 |          |          |          |          |          |          |   |
|       | 44            |          |          |         |           |   | _              | J            |   |          |   |              | 94       |          |          |              |                         |                 |          |         |       |       | 144        |          |                 |          |          |          |          |          |          | _ |
|       | 45            |          |          |         | I         |   |                |              |   |          |   |              | 95       |          |          |              |                         |                 |          |         |       |       | 145        |          |                 |          |          |          |          |          |          | _ |
|       | 46            |          |          |         | Ι         |   | $oxed{\Gamma}$ |              |   |          |   |              | 96       |          |          | $oxed{oxed}$ | $oldsymbol{\mathbb{L}}$ |                 |          |         |       |       | 146        |          |                 |          |          |          |          |          |          |   |
|       | 47            | $\Box$   |          |         |           | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\perp$        | $\Box$       |   |          |   |              | 97       |          |          |              |                         |                 |          |         |       |       | 147        |          |                 |          |          |          |          |          |          |   |
|       | 48            | $\Box$   |          |         |           | $\perp$   | $\perp$        | $\perp$      |   |          |   |              | 98       | $\sqcup$ |          |              |                         | Ш               |          |         |       |       | 148        |          |                 |          |          |          |          |          |          | _ |
|       | 49            | _[       |          |         | 1         |   | $\perp$        | $\downarrow$ |   |          |   |              | 99       | Ш        | _        |              |                         | Ш               |          |         |       |       | 149        |          |                 |          | _]       |          |          |          | $\perp$  | _ |
|       | 50            |          | 1        | -1      | 1         |   |                |              | İ |          |   |              | 100      | ıl       | - 1      |              |                         | ) [             |          |         |       |       | 150        | l Ì      | I               | I        | I        | I        | T        | П        | ſ        |   |